

ABSTRACT OF THE DISCLOSURE

[0071] Monoclonal and polyclonal antibodies to the binding subdomains of the MAP protein, including the Map10 protein, or other immunogenic subregions of the MAP protein, are provided which can be useful in the treatment of and protection against infection from staphylococcal bacteria such as *Staphylococcus aureus*. In addition, medical instruments can be treated using the antibodies of the invention in order to reduce or eliminate the possibility of their becoming infected or further spreading the infection. In particular, the antibodies of the present invention are advantageous because they serve the double purpose of preventing adherence of the bacteria to host cells and enhancing the killing of the bacteria in an infected host.